



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090093-A

Mode: Highway

Status: Submitted

US-1

From/Cross Street: South Carolina State Line

To: SR 1104 (Osborne Road)

Length: 5.28

Specific Improvement Type: 1 - Widen Existing Roadway

Project Category: Statewide Mobility

TIP#: R-2501A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$30,200,000

Description:

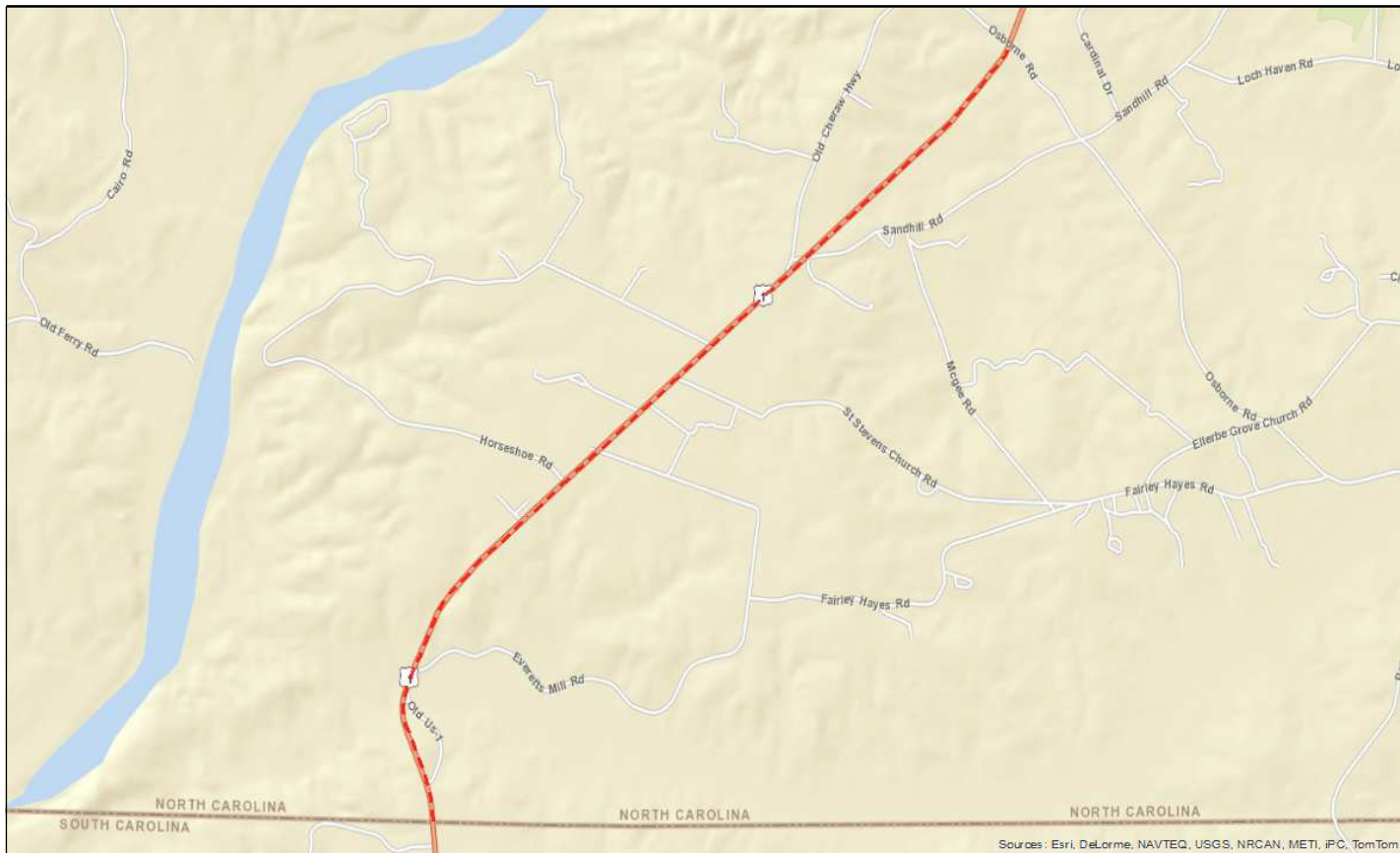
Widen to Multi-Lanes.

Division(s): Division 8

County(s): RICHMOND

MPOS(s)/RPO(s): Lumber River RPO

Project Location



Statewide Mobility Total Score: 7.84

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 11.81 Safety (10%) 36.81 Economic Competitiveness (10%) 0.00 Multimodal + [Freight & Military] (20%) 3.11 [Travel Time] Benefit/Cost (30%) 0.00	N/A	N/A
Totals: Weight: 100% Weighted Score: 7.84		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 11.81 Safety (10%) 36.81 [Travel Time] Benefit/Cost (25%) 0.00 Accessibility / Connectivity (10%) 8.29	Percent: 15% Points:	Percent: 15% Points:
Totals: Weight: 70% Weighted Score: 7.46		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 11.81 Safety (10%) 36.81 [Travel Time] Benefit/Cost (20%) 0.00	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 6.04		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	5.28
Facility Type:	Two Lane Highway
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	2764.4
Capacity:	15500
Volume/Capacity Ratio:	0.18
% Autos:	78%
% Trucks:	22%
Truck Volume:	621.1
Crash Density:	36.81
Crash Severity:	39.98
Critical Crash Rate:	33.67
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	16
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	74
Actual Congested Speed:	55
Travel Time Index:	1

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	5.28
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	0
% Change in Economy:	0
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Lumber River RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$25,700,000	TIP Unit
Right-of-Way Cost:	\$4,500,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$30,200,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$30,200,000	